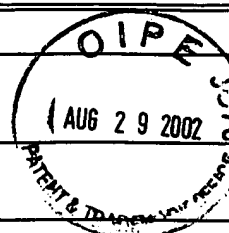


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Date Submitted to PTO: August 29, 2002

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U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|--------------------|------|------|-------|----------|-------------------------------|
| | AA | | | | | | |
| | AB | | | | | | |
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| | AD | | | | | | |
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|----|----|--------------------|---------|---------|-------|----------|-----------------------|
| AS | AJ | 7-79415 | 3-20-95 | Japan | | | abstract |
| ↓ | AK | 5-75568 | 3-26-93 | Japan | | | abstract |
| AS | AL | 7-99522 | 4-11-95 | Japan | | | abstract |
| | AM | | | | | | |
| | AN | | | | | | |

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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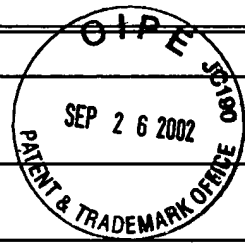
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Date Submitted to PTO: September 26, 2002

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|----------------------|----|--------------------|------|------|-------|----------|-------------------------------|
| | AA | | | | | | |
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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|-----------|----|--------------------|---------|---------------|----------|----------|-----------------------|
| <i>JS</i> | AJ | 86/07223 | 12-4-86 | WO | <i>—</i> | <i>—</i> | X |
| <i>JS</i> | AK | 2 187 611 | 9-9-87 | Great Britain | <i>—</i> | <i>—</i> | X |
| | AL | | | | | | |
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OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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Date Submitted to PTO: December 31, 2002

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U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|--------------------|---------|---------------|-------|----------|-------------------------------|
| AS | AA | 4,940,954 | 7-10-90 | Aubert et al. | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO | |
|----|----|--------------------|---------|---------|-------|----------|-----------------------|---|
| AS | AJ | 2-141049 | 5-30-90 | Japan | | | | X |
| ↓ | AK | 2-195732 | 8-2-90 | Japan | | | abstract | |
| AS | AL | 5-167633 | 7-2-93 | Japan | | | abstract | |
| | AM | | | | | | | |
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U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|--------------------|---------|------------------|-------|----------|-------------------------------|
| AS | AA | 5,128,758 | 7-7-92 | Azadegan et al. | | | |
| | AB | 5,038,402 | 8-6-91 | Robbins | | | |
| | AC | 5,638,112 | 6-10-97 | Bestler et al. | | | |
| | AD | 5,063,445 | 11-5-91 | Nishizawa et al. | | | |
| | AE | 5,819,000 | 10-6-98 | Oshima | | | |
| | AF | 5,999,569 | 12-7-99 | Oshima | | | |
| | AG | 5,892,879 | 4-6-99 | Oshima | | | |
| | AH | 6,049,651 | 4-11-00 | Oshima | | | |
| | AI | 6,256,357 | 7-3-01 | Oshima | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO | |
|----|----|--------------------|----------|---------|-------|----------|-----------------------|---|
| | AJ | 3-69295 | 3-25-91 | Japan | | | | X |
| | AK | 2-260726 | 10-23-90 | Japan | | | | X |
| | AL | 58-161427 | 9-26-83 | Japan | | | abstract | |
| | AM | 57-39629 | 3-4-82 | Japan | | | abstract | |
| AS | AN | 58-161547 | 9-26-83 | Japan | | | abstract | |

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|--------------------|---------|-------------|-------|----------|-------------------------------|
| AS | AA | 5,170,413 | 12-8-92 | Hess et al. | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|----|----|--------------------|----------|---------|-------|----------|-----------------------|
| AS | AH | 63-180222 | 7-25-88 | Japan | | | abstract |
| | AI | 2-94814 | 4-5-90 | Japan | | | abstract |
| | AJ | 61-70861 | 4-11-86 | Japan | | | abstract |
| | AK | 2-218279 | 8-30-90 | Japan | | | abstract |
| | AL | 2,095,435 | 5-10-92 | Canada | | | X |
| | AM | 91/20137 | 12-26-91 | WO | | | X |
| AS | AN | 92/22162 | 12-10-92 | WO | | | X |

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